

US ARMY TAGCOM
ATTN: SFAE-CSS-FP-P/MS111
6501 E. ELEVEN MILE ROAD
WARREN, MI 48397-5000

Petroleum And Water Systems Symposium II

April 16-17
2003
Norfolk, VA



http://peocscss.facom.army.mil/pmfp/pm_paws

Petroleum And Water Systems Symposium II

April 16-17
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Norfolk, VA



Chemical, biological, and physical threats to water and petroleum resources have increased significantly within the USA.

Integrated action by government, academia, and industry is necessary to explore technologies to mitigate threats and minimize damage to homeland security and operational forces.



Sponsored by
PEO CS & CSS-
Product Manager
Petroleum and
Water Systems



http://peocscss.facom.army.mil/pmfp/pm_paws

Petroleum and Water Systems Symposium II Norfolk, Virginia

SCOPE AND OBJECTIVE

This symposium will bring together the government and civilian organizations chartered with the protection, monitoring, and purification of water and petroleum to discuss issues relevant to the requirements of insuring safe sources of supply for these products. These areas are tantamount to tactical operations and homeland security.

This forum affords the opportunity for networking and enhancing the lines of communication in both a formal and informal atmosphere. The symposium will offer formal presentations by government and industry personnel; informal breakout discussion sessions; exhibits; demonstrations; and open discussions among attendees. This second PAWS Symposium focuses on "Water", and includes an opportunity to observe training on water systems, as well as static displays of petroleum systems at the U.S. Army Coastal Water Purification Training Center at Fort Story, VA.

THEME

In recent years the contamination threat from chemical and biological agents to military and civilian water supplies has increased significantly as well as the physical threat to water and petroleum transfer and storage sites both at home and abroad. Events over the past decade clearly illustrate that terrorist attacks can occur within the geographical boundaries of the USA.

The theme of this symposium is to address the current and future threats to water and petroleum resources and the technologies required to detect contamination; to purify tainted fluids; and to monitor the transfer and storage of liquids. The objective is to explore technologies that will mitigate the threat and minimize the damage from an event affecting homeland security and operational forces. This effort will require a sharing of knowledge and the integration of action by DOD agencies, other government agencies, universities, and industry partners.

The Product Manager for Petroleum and Water Systems (PM PAWS), as the Army's single point of contact for petroleum and water systems, is

responsible for research, development, test, procurement, and fielding of these systems. Also, in cooperation with the TARDEC National Center for Water Treatment Technologies, significant facilities and capabilities used to develop technologies supporting DoD can be applied to support homeland security initiatives.

COMMITTEE

PEO CS & CSS

Co-chair: LTC LoSchiavo, PM PAWS

Deputy Co-chair: Michael Bundshuh

PAWS Coordinator: Glen Williams

NDIA Michigan Chapter:

Co-chair: Chuck Prikopa

Deputy Co-chair Admin: Bob Ament

Deputy Co-chair Finance: Constance Blair

Greater Hampton Roads Chapter:

Co-Chair: Barry Creighton

Deputy Co-Chair: Gary Cecchini

Agenda Coordinator: Paul Curtis

Exhibit Coordinator: Angela Schofield



PEO CS & CSS / NDIA PETROLEUM AND WATER SYSTEMS SYMPOSIUM II Registration Form - Please Print

Last Name		First Name	
Company		Title	
Address			
City / State / Zip			
Phone No.	Fax No.	E-Mail	
Citizenship	Passport No.	Visa No.	
Paid by: Check #	VISA	AmEx	MC
Name on Card		Registration Fee: \$275.00 thru 15 March, 2003 \$300.00 thereafter Mail or Fax Payment and Registration to: NDIA, Attn: Constance Blair P.O. Box 337, Warren, MI 48090-0337 Phone: (586) 573-6000 Fax: (586) 573-6001 E-Mail: cblair@tvihq.com Make checks payable to: NDIA, Michigan Chapter	
Card#			
Signature			
Phone No. of Card Holder			

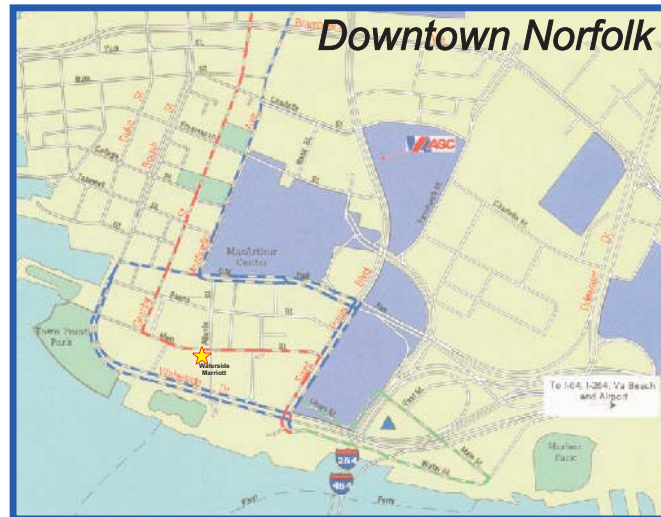
GOLF OUTING REGISTRATION

Are you interested in participating in the golf outing on Tuesday, 15 April 2003? ☐ No ☐ Yes If yes, number of golfers _____

Names of golfers _____

\$ 35 per person. Make Golf Check payable to: NDIA Michigan Chapter - See Address Above.

✂ Please cut along the line.



DIRECTIONS

To: **Norfolk Waterside Marriott**
235 East Main St. (★)

From the Norfolk International Airport follow I-64 (East) towards Norfolk. Exit on to I-264 (west) towards Norfolk. Exit on to Waterside Drive (from Left Lane). Turn right onto Atlantic Street. Hotel is on the corner of Atlantic Street and Main Street. Lobby and Valet parking on Main Street.

Parking

There are two parking garages.

- 1) On left side of Atlantic before hotel and Main St. \$17/day. Hourly rate up to a \$17 max.
- 2) Cross over Main St. on left side of Atlantic \$17/day with unlimited in and out; billed to hotel room. 3rd floor skywalk over Main St. into hotel.

US Army Coastal Water Purification Training Center at Ft. Story



PETROLEUM AND WATER SYSTEMS



P Q A S
Petroleum Quality Analysis System



L W P
Lightweight Water Purifier

1500TWPS
Tactical Water Purification System

LMFF
LHS Modular Fuel Farm



REGISTRATION

Send your completed registration with fee payable to:

NDIA, ATTN: Constance Blair
P.O. Box 337, Warren, MI 48090-0337

You may fax your Registration Form with your credit card number (Visa, MasterCard, American Express), name, expiration date and signature to Constance Blair (586) 573-6001.

REGISTRATION FEE: The Registration for the Symposium is \$275. Fee includes a reception, continental breakfasts, lunches, and coffee breaks. Registration after 16 March is \$300.

EXHIBITORS

NDIA is offering 8' x 10' exhibition booths at the hotel, but these are limited. Recommend you respond early. These booths are available at \$900 each for the duration of the symposium. In addition, there is space available for tabletop displays (\$250), and poster displays (\$100). Oversize display prices will vary depending on size. All oversized displays will be at Ft. Story. The fee for outdoor exhibits at Ft. Story is charged for Symposium participation. If there are questions, contact below.

Space will be allocated on a first come, first serve basis. In addition, NDIA is offering each exhibitor two registration fees at the discounted cost of \$190 per person with the purchase of a \$900 booth. This will allow representatives from your organization to participate in the symposium sessions, as well as all meals and refreshments. If your organization is interested in being an exhibitor, please contact:

Angela Schofield
E-mail: businesser@aol.com
Fax: (248) 542-1301

You will be sent an exhibitor package which includes an exhibit registration form and will also allow you to sign up for discounted symposium registration.

LODGING

A block of guest rooms has been reserved at a special rate for April 16-17, 2003 at:

Norfolk Waterside Marriott
235 East Main Street
Norfolk, VA 23510
Phone: (888) 840-3143

RATE:

Government Rate: \$109.00 per diem rate + tax per day (ID required).
Industry Rate: \$124.00 + tax per day.

Please make your own room reservations and identify yourself as a PAWS Symposium attendee by 16 March 2003 to take advantage of these low rates.

This is an authorized training event and conference fees can be claimed on Government travel vouchers. Government credit cards can be used.



Agenda

Tuesday, April 15, 2003

- 1100-1300 Tee Off - Golf Outing at Sewells Point Golf Course, Naval Station, Norfolk**
Start time: Currently we are slated to tee off at 11 am to 1 pm. These will be individual tee times. We need an indication on the registration as to time preference.
Format: Scramble
Price: The cost for green's fees, cart, and range balls is \$35. Meal ticket is included.
Payment: All funds will be collected by Constance Blair for NDIA. Make checks payable to: NDIA Michigan Chapter
Foursomes: We will honor foursome requests at the time of registration. If not, it will be a first in, first out process. We will cut off requests 2 weeks prior to the outing.
- 1400 Exhibitor Set-up**
- 1800-2100 Pre-Registration**
 Norfolk Waterside Marriott, 6th floor NDIA Hospitality Suite 616

Wednesday, April 16, 2003

- 0715 Sign-In, Continental Breakfast**
- 0800 Administration, Introduction**
- 0815 Industry View**
 LTG (Ret) Lawrence Farrell, President, NDIA
- 0845 Systems Acquisition and the Budgeting Process**
 COL (P) Michael Cannon, HQDA
- 0915 Keynote Address**
 Gov. Tom Ridge, Secretary of Homeland Security (invited)
- 0945 PEO Perspective of PAWS in Tactical Operations and Homeland Security**
 BG Roger Nadeau, PEO CS & CSS
- 1015 Break, Visit Industry Exhibits**
- 1045 PM Petroleum and Water Systems Program Review**
 LTC Philip LoSchiavo, PM PAWS
- 1115 Emergency Response to Disruption of Civilian Water Supplies**
 Ms. Janet Pawlukiewicz, Director, EPA Water Protection Task Force
- 1145 Lunch, Visit Industry Exhibits**
- 1300 Military Water and Fuel Systems Threat briefing (Unclassified)**
 Ms. Lea Dumonde, National Ground Intelligence Center (NGIC)
- 1330 DOD Sensor Technology Programs**
 Dr. Gregory Auner, Director of Smart Sensors and Integrated Microsystems, Wayne State University
- 1400 Joint Task Force Civil Support (JTF-CS) and its Mission of Consequence Management**
 JTF-CS Representative
- 1430 Break, Visit Industry Exhibits**

Agenda

- 1500 State of The Art Filtration Technologies**
 Dr. Steve Duranceau, Boyle Engineering
- 1530 Non-Traditional Water Sources**
 Dr. Michael Gardos, DARPA
- 1600 Reception - Exhibit Ballroom**

Thursday, April 17, 2003

- 0715 Continental Breakfast**
- 0800 Administration, Introduction**
- 0830 Breakout Session #1**
 Congressional Budget Approval Process - Staffers, Industry, Military Representatives
- Breakout Session #2**
 Lessons Learned in Tactical Operations - All US Services, German, Canadian and Australian Representatives
- 0930 Break, Visit Industry Exhibits**
- 1030 Breakout Session #3**
 Sensor Technology - LTC Broxterman, USN, Dr. Salem, SBCCOM, Mr. Downing, TARDEC, and Mr. Harrison, USAF
- Breakout Session #4**
 Advanced Water Disinfection and Filtration Technologies - Mr. Herrington, MIOX Corporation
 Dr. Dusenbury, TARDEC, and Mr. Gallagher, Cascade Designs
- 1130 Lunch, Travel Instructions to Ft. Story**
- 1330 Visit to US Army Coastal Water Purification Training Center at Ft. Story**
 - Observe training
 - View PAWS equipment and oversize equipment displays
- 1530 Movement back to Norfolk Waterside Marriott Hotel**
- 1630 Collect Critique Sheets, Distribute Gifts**

Enhanced Security Procedures will be observed.

Security
 All foreign national personnel must have passport in their possession for entry to Ft. Story.

Special Needs
 NDIA supports the Americans with Disabilities Act of 1990. Attendees with special needs should contact: pawssymposium@mindspring.com

Attire
 Appropriate dress for this symposium is business casual attire or military Class B uniform. Casual attire with low, rubber sole shoes or military BDU's is recommended for demonstrations.

Symposium General Information

Contact: John Pitcock

Email: pawssymposium@mindspring.com

Fax: (248) 336-8458